ABSTRACT

Cable modem circuitry is connected via a bus interface to decoder circuitry in a set top box to receive various types of content and distribute the content to outputs corresponding to the content type. The outputs include video, audio, data (USB host), telephony and asynchronous interface. The content is received on a single broadband connection from a single service provider rather than multiple connections from multiple service providers. The DOCSIS protocol, and features that are a part thereof, are used to facilitate efficient transmission of content to a subscriber.

Content, including telephony, video, audio and data may be stored or received at a provider's central location for subsequent transmission to a subscriber in response to a request for the content. DOCSIS DsX and DCC at the cable modem are used to enhance the performance and quality of service of the delivery of content.

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